



# MOBILE SOLUTIONS

Cognex offers the only end-to-end family of mobile scanning solutions, achieving best-in-class 1D, 2D, and direct part mark (DPM) barcode reading performance.

## MX-1502 and MX-1000 Series

The MX-1502 and MX-1000 Series mobile terminals combine fast, image-based barcode reading with your Android and iOS mobile devices. These rugged, modular, and smart solutions read codes at standard-, long-, and extended ranges. The IP65-rated housing is designed to handle heavy, industrial use and up to 50 drops from 2 meters onto concrete.



## MX-100 Series

The MX-100 mobile barcode reader is a mobile device accessory that attaches to an Otterbox® uniVERSE Case System® and transforms smartphones into better barcode readers. It features a bright LED aiming pattern, diffuse lighting, and a Cognex Mobile Barcode SDK license to reliably read more than twenty 1D and 2D barcode symbologies.

# Cognex Mobile Barcode Software Development Kit (SDK)

The Cognex Mobile Barcode SDK is a comprehensive software tool for all facets of mobile barcode scanning. It enables you to be more efficient by tailoring and maintaining a single application for all mobile devices across your entire organization.

The SDK can be used with any supported device, including:

- Smartphone and tablet cameras
- MX-100 Series mobile barcode readers (license included)
- MX-1000 and MX-1502 Series mobile terminals (license included)



# MOBILE SOLUTIONS SPECIFICATIONS

	MX-100	MX-1000	MX-1502
1D and Stacked Codes	•	•	•
Omnidirectional 1D Codes	•	•	•
2D Codes	•	•	•
Algorithms	Standard	1DMax, 2DMax	1DMax, 2DMax, PowerGrid
Image Resolution	1280 x 720	752 x 480	1.2 MP
Aimer	Green LED		
Trigger	Touch screen software	Left- and right-handed buttons, pistol grip or touch screen software	
Status Outputs	Audio and vibration	LED, beeper and vibration	
Lighting	Integrated LED illumination		
Communications	Scan engine communicates optically, mobile device communicates via Wi-Fi, Bluetooth, Cellular or other	Scan engine communicates via USB, mobile device communicates via Wi-Fi, Bluetooth, Cellular or other	
Base Station Power	N/A	24 V, 13 W maximum LPS or NEC Class 2 power supply	
Battery	1100 mAh	3.7 V, 3070 mAh Li-Polymer (brick style), 3100 mAh Li-ion (pistol grip)	
Weight	105 g	510 g (675 g with pistol grip)	
Dimensions	152 mm x 71 mm x 12.8 mm	208.6 mm x 88.9 mm x 42.1 mm	208.6 mm x 88.9 mm x 42.1 mm 221.0 mm x 99.0 mm x 43.1 mm
Operating Temperature	N/A	0 °C–40 °C	
Storage Temperature	N/A	-40°C–60°C	
Operating/Storage Humidity	N/A	0% to 95%, non-condensing	
Protection	N/A	IP65	
DoD UID Data Validation	N/A	Yes	
RoHS Certified	N/A	Yes	
Regulatory Electrical EMI/RFI	N/A	CB Scheme: IEC 60950-1, UL 60950-1, CSA C2.2 No. 60950-1-07 FCC 47 CFR Part 15 Subpart B, CE, ICES-003, KCC	
Supported Devices	Apple® iPhone® 7, 7 Plus, 8, 8 Plus	Samsung® Galaxy® S4, S5, S6, S7, S8, A3, J3 and J5 Apple iPhone SE, 5/5S, 6/6S, 7, 8 and iPod® Touch 5th + 6th Generation	